

R: REDACTED MATERIAL

UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICE

CSRS Approved 04/4/0022
Expires 6/30/2022

BUDGET

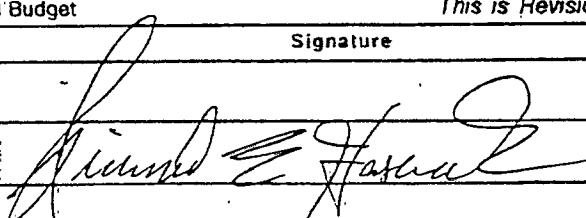
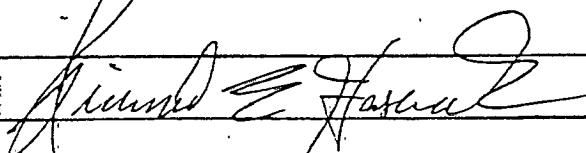
Year 1 (07/01/92 til 06/30/93)

Organization and Address

Iowa State University
Ames, Iowa 50011

Principal Investigator(s)/Project Director(s)

Robert Thornburg

	USDA Grant No.	Duration Proposed	Duration Proposed	Duration Proposed
		Months: 12	Months: 12	Months: 12
A. Salaries and Wages				
1. 2 No. of Senior Personnel	CSRS FUNDED WORK MONTHS			
a. 1 (Co-PI(s)/PD(s)	Calendar	Academic	Summer	
b. 1 Senior Associates	R			REDACTED
2. No. of Other Personnel (Non-Faculty)				
a. 1 Research Associates/Postdoctorate	R			
b. Other Professionals				
c. 1 Graduate Students				
d. 2 Prebaccalaureate Students				
e. Secretarial-Clerical				
f. Technical, Shop and Other				
Total Salaries and Wages				
B. Fringe Benefits (If charged as Direct Costs)				REDACTED
C. Total Salaries, Wages, and Fringe Benefits (A plus B)				
D. Nonexpendable Equipment (Attach supporting data. List items and dollar amounts for each item.)		14,000		
E. Materials and Supplies		12,000		
F. Travel		1,000		
1. Domestic (Including Canada)				
2. Foreign (List destination and amount for each trip)				
G. Publication Costs/Page Charges		1,000		
H. Computer (ADPE) Costs				
I. All Other Direct Costs (Attach supporting data. List items and dollar amounts. Details of subcontracts, including work statements and budget, should be explained in full in proposal.)		18,480		
J. Total Direct Costs (C through I)				
K. Indirect Costs (Specify rate(s) and base(s) for on/off campus activity. Where both are involved, identify itemized costs included in on/off campus bases.)				REDACTED
42% (MTDC) = (J - D) * 0.42				
L. Total Direct and Indirect Costs (J plus K)				
M. Other				REDACTED
N. Total Amount of this Request				
O. Cost Sharing				
NOTE: Signatures required only for Revised Budget		This is Revision no. >		
Name and Title (Type or print)	Signature		Date	
Principal Investigator/Project Director				
Robert Thornburg				
Authorized Organizational Representative				
Richard E. Hasbrook			1-30-92	

Form CSRS-55 (9/89)

2023129019

UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICEOMB Approved 03-24-0022
Expires 3/92

BUDGET

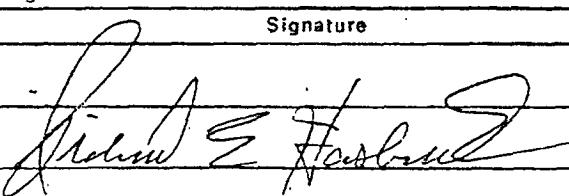
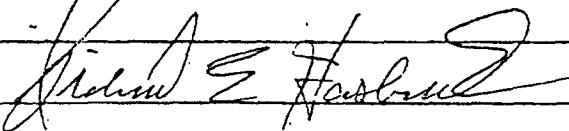
Year 2 (07/01/93 till 06/30/94)

Organization and Address

Iowa State University
Ames, Iowa 50011

Principal Investigator(s)/Project Director(s)

Robert Thornburg

Organization and Address			USDA Grant No.		
			Duration Proposed Months: <u>12</u>	Duration Proposed Months: <u>12</u>	Duration Proposed Months: <u>12</u>
			ISU COST SHARED	FUNDS REQUESTED BY PROPOSER	FUNDS APPROVED BY CSRS (If different)
A. Salaries and Wages			CSRS FUNDED WORK MONTHS		
1. <u>2</u> No. of Senior Personnel			Calendar	Academic	Summer
a. <u>1</u> (Co)-PI(s)/PD(s)			25%		
b. <u>1</u> Senior Associates			25%		
2. <u> </u> No. of Other Personnel (Non-Faculty)					
a. <u>1</u> Research Associates/Postdoctorate			100%		
d. <u> </u> Other Professionals					
c. <u>1</u> Graduate Students					
d. <u>2</u> Prebaccalaureate Students					
e. <u> </u> Secretarial-Clerical					
f. <u> </u> Technical, Shop and Other					
Total Salaries and Wages			>		
B. Fringe Benefits (If charged as Direct Costs)			REDACTED		
C. Total Salaries, Wages, and Fringe Benefits (A plus B)			REDACTED		
D. Nonexpendable Equipment (Attach supporting data. List items and dollar amounts for each item.)			1,400		
E. Materials and Supplies			12,000		
F. Travel			1000		
1. Domestic (Including Canada)					
2. Foreign (List destination and amount for each trip)					
G. Publication Costs/Page Charges			1000		
H. Computer (ADPE) Costs					
I. All Other Direct Costs (Attach supporting data. List items and dollar amounts. Details of subcontracts, including work statements and budget, should be explained in full in proposal.)			18,480.		
J. Total Direct Costs (C through I)			>		
K. Indirect Costs (Specify rate(s) and base(s) for on/off campus activity. Where both are involved, identify itemized costs included in on/off campus bases.) 44% (MTDC) = (J - D) * 0.44			REDACTED		
L. Total Direct and Indirect Costs (J plus K)			>		
M. Other			REDACTED		
N. Total Amount of this Request			>		
O. Cost Sharing			\$		
NOTE: Signatures required only for Revised Budget			This is Revision no. >		
Name and Title (Type or print)		Signature		Date	
Principal Investigator/Project Director Robert Thornburg					
Authorized Organizational Representative Richard E. Hasbrook				1-30-92	

2023129020

UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICE

CMB Approved 0524-0022
Expires 8/92

BUDGET

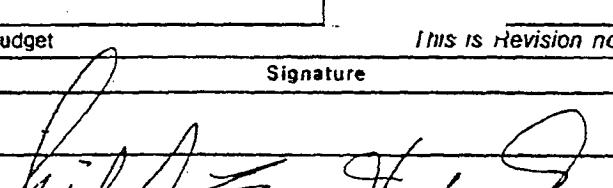
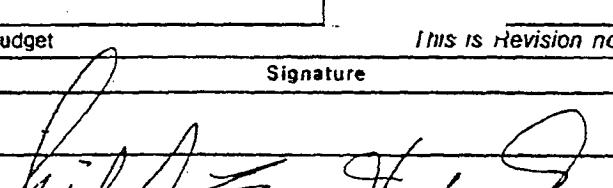
Total Budget (07/01/92 til 06/30/94)

Organization and Address

Iowa State University
Ames, Iowa 50011

Principal Investigator(s)/Project Director(s):

Robert Thornburg

Organization and Address Iowa State University Ames, Iowa 50011		USDA Grant No.	
Principal Investigator(s)/Project Director(s). Robert Thornburg		Duration Proposed Months: 12 ISU COST SHARED	
		Duration Proposed Months: 12 FUND REQUESTED BY PROPOSER	
		FUND APPROVED BY CSRS (If different)	
A. Salaries and Wages	CSRS FUNDED WORK MONTHS		
	Calendar	Academic	Summer
1. Nb. of Senior Personnel	25%		\$ REDACTED
a. (Co)-PI(s)/PD(s)	25%		\$
b. Senior Associates			
2. No. of Other Personnel (Non-Faculty)			
a. Research Associates/Postdoctorate	100%		
b. Other Professionals			
c. Graduate Students			
d. Prebaccalaureate Students			
e. Secretarial-Clerical			
f. Technical, Shop and Other			
Total Salaries and Wages			
B. Fringe Benefits (If charged as Direct Costs)		REDACTED	
C. Total Salaries, Wages, and Fringe Benefits (A plus B)		REDACTED	
D. Nonexpendable Equipment (Attach supporting data. List items and dollar amounts for each item.)		15,400	
E. Materials and Supplies		24,000	
F. Travel:		2,000	
1. Domestic (Including Canada)			
2. Foreign (List destination and amount for each trip)			
G. Publication Costs/Page Charges		2,000	
H. Computer (ADPE) Costs			
I. All Other Direct Costs (Attach supporting data. List items and dollar amounts. Details of subcontracts, including work statements and budget, should be explained in full in proposal.)			
J. Total Direct Costs (C through I)			
K. Indirect Costs (Specify rate(s) and base(s) for on/off campus activity. Where both are involved, identify itemized costs included in on/off campus bases.) 42% (MTDC) = (J - D) * 0.42 (0.44 in Year 2)		REDACTED	
L. Total Direct and Indirect Costs (J plus K)			
M. Other			
N. Total Amount of this Request		REDACTED	
O. Cost Sharing		\$	
NOTE: Signatures required only for Revised Budget			
Name and Title (Type or print)	Signature		Date
Principal Investigator/Project Director Robert Thornburg			
Authorized Organizational Representative Richard E. Hasbrook			1-30-92
This is Revision no. >			

2023129021